

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	9365	(386/1,45,46,125-126,65,95).QCL.S.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/11 13:46
L2	3	(hour\$1 and minute\$1 and second\$1).CLM. and OSD.CL.M.	US-PGPUB; USPAT	OR	ON	2010/09/11 13:46
L3	10195	(hour\$1 and minute\$1 and second\$1).CLM.	US-PGPUB; USPAT	OR	ON	2010/09/11 13:46
S1	1	("20040096190").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/18 10:16
S2	2	jp-2001292422-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 08:11
S3	1	("5701383").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/07 08:16
S4	0	("jp-2000228756-\$.did.").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/07 08:17
S5	0	("jp-228756-\$.did.").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/07 08:17
S6	15	(dsiplay\$3 or show\$3) near record\$3 near (playback or play\$3 adj back or reproduc\$5) near (time or position)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 08:39
S7	32	(dsiplay\$3 or show\$3) near (record\$3 or writ\$3) near (playback or play\$3 adj back or reproduc\$5 or read\$3) near (time or position)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 08:47

S8	36	(display\$3 or show\$3) near (record\$3 or writ\$3) near (playback or play\$3 adj back or reproduc\$5 or read\$3) near (time or position or minute\$1 or second\$1 or hour\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 08:50
S9	4	S8 not S7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 08:48
S10	41	(display\$3 or show\$3 or monitor\$3 or OSD) near (record\$3 or writ\$3) near (playback or play\$3 adj back or reproduc\$5 or read\$3) near (time or position or minute\$1 or second\$1 or hour\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 08:53
S11	5	S10 not S8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 08:51
S12	41	(display\$3 or show\$3 or monitor\$3 or OSD) near (record\$3 or writ\$3) near (playback or play\$3 adj back or reproduc\$5 or read\$3) near (time or position or minute\$1 or second\$1 or hour\$1 or timecode or timecod\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 08:59
S13	25524	(record\$3 or writ\$3) near (playback or play\$3 adj back or reproduc\$5 or read\$3) near (time or position or minute\$1 or second\$1 or hour\$1 or timecode or timecod\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 09:00
S14	6108	(record\$3 or writ\$3) near (playback or play\$3 adj back or reproduc\$5 or read\$3) near (time or position or minute\$1 or second\$1 or hour\$1 or timecode or timecod\$5) same (display\$3 or show\$3 or OSC or on adj screen)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 09:01

S15	6113	(record\$3 or writ\$3) near (playback or play\$3 adj back or reproduc\$5 or read \$3) near (time or position or minute\$1 or second\$1 or hour\$1 or timecode or timecod\$5) same (display \$3 or show\$3 or OSC or on adj screen or PIP or picture adj in adj picture)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 09:01
S16	6109	(record\$3 or writ\$3) near (playback or play\$3 adj back or reproduc\$5 or read \$3) near (time or position or minute\$1 or second\$1 or hour\$1 or timecode or timecod\$5) same (display \$3 or show\$3 or Osd or on adj screen)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 09:02
S17	242	(record\$3 or writ\$3) near (playback or play\$3 adj back or reproduc\$5 or read \$3) near (time or position or minute\$1 or second\$1 or hour\$1 or timecode or timecod\$5) near (display \$3 or show\$3 or Osd or on adj screen)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 09:02
S18	242	(record\$3 or writ\$3) near (playback or play\$3 adj back or reproduc\$5 or read \$3) near (time or position or minute\$1 or second\$1 or hour\$1 or timecode or timecod\$5) near (display \$3 or show\$3 or Osd or on adj screen or PIP or Picture adj (in or on) adj picture or POP)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 09:32
S19	49	(record\$3 or writ\$3) near (playback or play\$3 adj back or reproduc\$5 or read \$3) near (time or position or minute\$1 or second\$1 or hour\$1 or timecode or timecod\$5) near (display \$3 or Osd or on adj screen or PIP or Picture adj (in or on) adj picture or POP)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 09:44

S20	176830	(time or position or minute \$1 or second\$1 or hour\$1 or timecode or timecod\$5 ot timestamp\$3) near (display\$3 or Csd or on adj screen or PIP or Picture adj (in or on) adj picture or POP)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 09:46
S21	174781	(time or position or minute \$1 or second\$1 or hour\$1 or timecode or timecod\$5 ot timestamp\$3) near (display\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 09:46
S22	6632	(time or position or minute \$1 or second\$1 or hour\$1 or timecode or timecod\$5 ot timestamp\$3) near (display\$3) same (record \$3 or writ\$3) same (playback or play\$3 adj back or reproduc\$5 or read \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 09:47
S23	4816	(time or minute\$1 or second\$1 or hour\$1 or timecode or timecod\$5 ot timestamp\$3) near (display \$3) same (record\$3 or writ \$3) same (playback or play \$3 adj back or reproduc\$5 or read\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 09:48
S24	264	(time or minute\$1 or second\$1 or hour\$1 or timecode or timecod\$5 ot timestamp\$3) near (display \$3) near (record\$3 or writ \$3) same (playback or play \$3 adj back or reproduc\$5 or read\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 09:49
S25	260	S24 not S18	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 09:48
S26	260	(time or minute\$1 or second\$1 or hour\$1 or timecode or timecod\$5 ot timestamp\$3) near (display \$3) near (record\$3 or writ \$3) same (playback or play \$3 adj back or reproduc\$5 or read\$3) not S18	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 09:55

S27	0	jp-6348799-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 09:55
S28	1	uenaka-hiroko.in.	US-PGPUB; USPAT	OR	ON	2007/03/07 11:57
S29	1	isota-shuichi.in.	US-PGPUB; USPAT	OR	ON	2007/03/07 11:58
S30	25	takeuchi-seiichi.in.	US-PGPUB; USPAT	OR	ON	2007/03/07 11:59
S31	0	ep-0625783-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 13:34
S32	1	ep-625783-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 13:37
S33	0	wo03102953-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 13:36
S34	0	wo-03102953-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 13:36
S35	1	wo-2003102953-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 13:36
S36	0	ep-2000911829-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 13:38
S37	2	ep-911829-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 15:36
S38	146	(message or indicator or bar or notification) with remain\$3 with download \$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 15:38

S39	13	(bar) with remain\$3 with download\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 15:38
S40	2081	display near5 time near5 difference	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/23 20:16
S41	2081	display near5 time near5 difference	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/23 15:55
S42	20	display near5 time near5 difference and OSD	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/23 16:05
S43	20	(display or bar) near5 time near5 difference and OSD	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/23 16:06
S44	0	S43 not S42	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/23 17:12
S45	1	("20030161615").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/23 17:12
S46	1	S45 and PGC	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/23 17:12
S47	21	display near5 time near5 difference near30 (record \$5 or download) near30 (play or playback or play adj back or reproduc\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/24 09:06
S48	45	"118374"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/23 20:33

S49	2	"2001118374"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/23 20:33
S50	571	display same time same difference same (record\$5 or download) same (play or playback or play adj back or reproduc\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/24 09:07
S51	181	display same time near3 difference same (record\$5 or download) same (play or playback or play adj back or reproduc\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/24 09:08
S52	35	display near3 time near3 difference same (record\$5 or download) same (play or playback or play adj back or reproduc\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/24 09:08
S53	4	("5852474").PN. OR ("6204886").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/24 09:53
S54	22	("4665438"   "4768083"   "4890168"   "5177801"   "5189563"   "5271011"   "5371551"   "5432561"   "5481411"   "5539527"   "5625410"   "5625504"   "5701383"   "5802226"   "5915066"   "5974220"   "6018612"   "6169842"   "6172715"   "6233389"   "6304714").PN. OR ("6542695").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/24 10:09
S55	1	("5701383").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/24 11:16
S56	116	OSD near time	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/24 11:17
S57	3	("20030067558"   "20030135852"   "20040150747").PN. OR ("7043135").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/24 11:22
S58	5189	log.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/24 11:39

S59	556	logan.in. and record\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/24 11:39
S60	8	logan.in. and record\$5 and (circular or ring) near3 buffer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/24 13:40
S61	10	"hr" same "min" same "sec" and OSD	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/24 13:45
S62	10	"hr" same "min" same "sec" and (OSD or on near3 screen near3 display \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/18 11:18
S63	1	("20020041754").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/24 14:44
S64	1	("20030110514").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/24 14:50
S65	1390	mark near10 record and mark near10 (reproduction or playback or play adj back)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/24 14:52
S66	1646976	mark near10 record same (reproduction or playback or play adj back) saem bar	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/24 14:51
S67	25	mark near10 record\$3 same bar and mark near10 (reproduction or playback or play adj back) same bar	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/24 15:09
S68	6690	(386/1,45,46,125- 126,65,95).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/18 16:49
S69	2	daquan.xa.	USPAT	OR	ON	2007/05/24 16:20
S70	0	jp-62950511-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/17 15:34
S71	1	jp-2950511-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/17 15:34



S72	0	jp-20062950511-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/17 15:34
S73	2	ep-1387228-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/17 15:51
S74	8	"4737864"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/17 15:36
S75	1	("4737864").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/17 15:37
S76	1	("4385841").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/17 15:42
S77	6314	timewise	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/17 15:42
S78	188	timewise and "610"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/17 15:43
S79	0	timewise and "610" and chronometer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/17 15:43
S80	0	timewise and "610" and chronometer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/17 15:46
S81	1	("6683822").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/17 15:47
S82	17	("3754392"   "3922847"   "3958409"   "4007583"   "4041692"   "4198810"   "4204399"   "4367959"   "4370068"   "4385842"   "4459034"   "4920524"   "5410520"   "5818798"   "5896348").PN. OR ("6683822").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/17 15:49
S83	1	("5528559").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/17 16:25

S84	239	display\$3 with only with hour with minute with second	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/17 16:26
S85	1	(*5455623").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/17 16:58
S86	1	(*6698597").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/17 16:58
S87	1	(*20040096190").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/18 10:22
S88	1	S87 and format	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/18 10:27
S89	6	OSD same minute\$1 same hour\$1 same second\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/18 10:29
S90	278466	only near3 (hour or minute or second)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/18 10:51
S91	3741	only near3 (hour or minute or second) near3 unit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/18 10:52
S92	3947	only near3 (hour or minute or second) near3 (unit or scale)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/18 10:52
S93	117	display\$3 near3 only near3 (hour or minute or second) near3 (unit or scale)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/18 10:54
S94	1	(*5701383").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/18 10:54
S95	371	(*hr" or hour) same (*min" or minute) same (*sec" or second) and (OSD or on near3 screen near3 display \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/18 13:35
S96	84	display adj only adj5 (hour or minute)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/18 13:35

S97	11	("4436435"   "4706238"   "5043955").PN. OR ("6275450").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/18 14:03
S98	343	(368/82).CQLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/18 14:03
S99	17	("4121415"   "4130987"   "4242747"   "4320484"   "4742501"   "4752919"   "5088440"   "5228013"   "5526327").PN. OR ("5748568").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/18 14:23
S100	1	("4300221").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/18 15:09
S101	1	("7218837").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/18 16:31
S102	7037	(386/1,45,46,125-126,65,95).CQLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/18 16:49
S103	438954	unit near3 (s or second or sec)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/04 14:55
S104	257	ellis-mich\$.in.	US-PGPUB; USPAT	OR	ON	2008/09/04 15:00
S105	39	S104 and (surf\$3 or jump \$3) same program	US-PGPUB; USPAT	OR	ON	2008/09/04 15:20
S106	7695	(386/1,45,46,125-126,65,95).CQLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/04 19:29
S107	8693	(hour\$1 and minute\$1 and second\$1).CLM.	US-PGPUB; USPAT	OR	ON	2008/09/04 19:29
S108	2	(hour\$1 and minute\$1 and second\$1).CLM. and OSD.CL.M.	US-PGPUB; USPAT	OR	ON	2008/09/04 19:30

9/ 11/ 2010 1:47:03 PM

C:\ Documents and Settings\ dzhao1\ My Documents\ EAST\ Workspaces\ 10607784.wsp